

Serial No. 09/725,294
Docket No. 11P338920

AMENDMENTS TO THE CLAIMS:

1. (Previously presented) A radio communication terminal, which, during a waiting operation receives broadcast data from a plurality of base stations to determine a current presence position, said terminal comprising:

a storing unit for storing broadcast data and reception levels received from a plurality of base stations, as registered data that defines a registered presence position when said radio communication terminal is located at a preset presence position; and

comparing means for comparing, during said waiting operation, a currently-received broadcast data and reception levels with said registered data in said storing unit, said comparing means including a determining means for determining that at least one of a number of said base stations and a reception level from said base stations is changing frequently, thereby detecting whether said radio communication terminal is moving relative to said base stations.

2. (Previously presented) A radio communication terminal, which, during a waiting operation receives broadcast data from a plurality of base stations to determine a current presence position, said terminal comprising:

a storing unit for storing broadcast data and reception levels received from a plurality of base stations when said radio communication terminal is in a preset presence position as registered data, thereby defining a registered presence position;

comparing means for comparing, during said waiting operation, a currently-received broadcast data and reception levels with said registered data in said storing unit, said comparing means including a determining means for determining that at least one of a

Serial No. 09/725,294
Docket No. 11P338920

number of said base stations and a reception level from said base stations is changing frequently, thereby detecting whether said radio communication terminal is moving relative to said base stations; and

setting means for setting, when said comparing means detects coincidence between said currently-received broadcast data and reception levels and said registered data, a preset function corresponding to the pertinent said registered data.

3. (Previously presented) A radio communication terminal system, which, during a waiting operation receives broadcast data from a plurality of base stations to determine a current presence position, said system comprising:

a storing unit for storing broadcast data and reception levels received from a plurality of base stations, as registered data, when said radio communication terminal is located at a preset position to define a registered presence position;

comparing means for comparing, during said waiting operation, currently-received broadcast data and reception levels with said registered data in said storing unit, said comparing means including a determining means for determining that at least one of a number of said base stations and a reception level from said base stations is changing frequently; and

setting means for setting, when said comparing means detects coincidence between said currently-received broadcast data and reception levels and said registered data, a preset function corresponding to said registered data,

wherein said preset function includes at least one of a call arrival tone, a call arrival tone level, an out-of-home dealing function ON/OFF, and a call transfer function ON/OFF.

Serial No. 09/725,294
Docket No. 11P338920

4. (Previously presented) A radio communication terminal, which, during a waiting operation receives broadcast data from a plurality of base stations to determine a current presence position, said terminal comprising:

a storing unit for storing broadcast data and reception levels received from a plurality of base stations received, as registered data, when said radio communication terminal is located at a preset position to define a registered presence position;

comparing means for comparing, during said waiting operation, a currently-received broadcast data and reception levels with said registered data in said storing unit, said comparing means including a determining means for determining that at least one of a number of said base stations and a reception level from said base stations is changing frequently; and

setting means for setting, when said comparing means detects coincidence between said currently-received broadcast data and reception levels and said registered data, a preset function corresponding to said registered data, and for restoring a preset default setting, when said comparing means does not detect coincidence between said broadcast data and said reception levels.

5. (Previously presented) A radio communication terminal, which during a waiting operation, receives broadcast data from a plurality of base stations to determine a current presence position, said terminal comprising:

a storing unit for storing broadcast data and reception levels received from a plurality of base stations received, as registered data, when said radio communication terminal is located at a preset position, said registered data defining a registered presence position;

comparing means for comparing, during said waiting operation, said broadcast data and said reception levels with said registered data in said storing unit, said comparing means

Serial No. 09/725,294
Docket No. 11P338920

including a determining means for determining that at least one of a number of said base stations and a reception level from said base stations is changing frequently; and

setting means for setting, when said comparing means detects coincidence between said broadcast data and said reception levels, and said registered data, a preset function corresponding to said registered data, said preset function including at least one of a call arrival tone, a call arrival tone level, an out-of-home dealing function ON/OFF, and a call transfer function ON/OFF, and when said comparing means does not detect said coincidence, restoring a preset default setting.

6. (Previously presented) The radio communication terminal according to claim 2, wherein said setting means sets a high speed travel mode that prohibits reception of an arrived call, when at least one of said number of base stations and said reception levels undergo frequent changes.

7. (Previously presented) An automatic function setting method for a radio communication terminal, which, during a waiting operation receives broadcast data from a plurality of base stations to determine a current presence position, said method comprising:

storing, when said radio communication terminal is located at a preset position, broadcast data and reception levels received from a plurality of base stations received at said preset position, as registered data defining a registered presence position; and

comparing, during said waiting operation, said broadcast data and said reception levels with said registered data, which is stored, said comparing including a determining that at least one of a number of said base stations and a reception level from said base stations is changing frequently, thereby detecting whether said radio communication terminal is moving relative to said base stations.

Serial No. 09/725,294
Docket No. 11P338920

8. (Previously presented) An automatic function setting method for a radio communication terminal, which, during a waiting operation receives broadcast data from a plurality of base stations to determine a current presence position, said method comprising:

storing, when said radio communication terminal is located at a preset position, broadcast data and reception levels received from a plurality of base stations received at said preset position, as registered data defining a registered presence position;

comparing, during said waiting operation, said broadcast data and said reception levels with said registered data which is stored, said comparing including a determining that at least one of a number of said base stations and a reception level from said base stations is changing frequently, thereby detecting whether said radio communication terminal is moving relative to said base stations; and

setting a preset function corresponding to said registered data, when a coincidence between said broadcast data and said reception levels, and said registered data is detected.

9. (Previously presented) An automatic function setting method for a radio communication terminal, which, during a waiting operation receives broadcast data from a plurality of base stations to determine a current presence position, said method comprising:

storing, when said radio communication terminal is located at a preset position, broadcast data and reception levels received from a plurality of base stations received at said preset position, as registered data to define a registered presence position;

comparing, during said waiting operation, said broadcast data and said reception levels with said registered data, which is stored, said comparing including a determining that at least one of a number of said base stations and a reception level from said base stations is changing frequently; and

setting a preset function corresponding to said registered data, when a coincidence

Serial No. 09/725,294
Docket No. 11P338920

between said broadcast data and said reception levels, and said registered data is detected, said preset function including at least one of a call arrival tone, a call arrival tone level, an out-of-home dealing function ON/OFF, and a call transfer function ON/OFF.

10. (Previously presented) An automatic function setting method for a radio communication terminal, which during a waiting operation receives broadcast data from a plurality of base stations to determine a current presence position, said method comprising:

storing, when said radio communication terminal is located at a preset position, broadcast data and reception levels received from a plurality of base stations being received at said preset position, as registered data defining a registered presence position;

comparing, during said waiting operation, said broadcast data and said reception levels with said registered data, which is stored, said comparing including a determining that at least one of a number of said base stations and a reception level from said base stations is changing frequently; and

setting a preset function corresponding to said registered data, when a coincidence between said broadcast data and said reception levels, and said registered data is detected,

wherein said setting includes restoring a preset default setting, when said broadcast data and said reception levels are not coincident with said registered data.

11. (Previously presented) An automatic function setting method for a radio communication terminal, which, during a waiting operation receives broadcast data from a plurality of base stations to determine a current presence position, said method comprising:

storing, when said radio communication terminal is located at a preset position, broadcast data and reception levels received from a plurality of base stations received at said preset position, as registered data to define a registered presence position;

Serial No. 09/725,294
Docket No. 11P338920

comparing, during said waiting operation, said broadcast data and said reception levels with said registered data which is stored, said comparing including a determining that at least one of a number of said base stations and a reception level from said base stations is changing frequently; and

setting a preset function corresponding to said registered data, when a coincidence between said broadcast data and said reception levels, and said registered data is detected, said preset function including at least one of a call arrival tone, a call arrival tone level, an out-of-home dealing function ON/OFF, and a call transfer function ON/OFF,

wherein said setting includes restoring a preset default setting, when said broadcast data and said reception levels are not coincident with said registered data.

12. (Previously presented) The automatic function setting method according to claim 8, wherein said setting sets a high speed travel mode that prohibits reception of an arrived call, when at least one of said number of base stations and said reception levels undergoes frequent changes.

13. (Previously presented) The radio communication terminal system according to claim 3, wherein said setting means sets a high speed travel mode prohibits reception of an arrived call, when at least one of said number of base stations and said reception levels undergoes frequent changes.

14. (Previously presented) The radio communication terminal system according to claim 4, wherein said setting means sets a high speed travel mode prohibits reception of an arrived call, when at least one of said number of base stations and said reception levels undergoes frequent changes.

Serial No. 09/725,294
Docket No. 11P338920

15. (Previously presented) The radio communication terminal system according to claim 5, wherein said setting means sets a high speed travel mode prohibits reception of an arrived call, when at least one of said number of base stations and said reception levels undergoes frequent changes.
16. (Previously presented) The automatic function setting method according to claim 9, wherein said setting sets a high speed travel mode that prohibits reception of an arrived call, when at least one of said number of base stations and said reception levels undergoes frequent changes.
17. (Previously presented) The automatic function setting method according to claim 10, wherein said setting sets a high speed travel mode that prohibits reception of an arrived call, when at least one of said number of base stations and said reception levels undergoes frequent changes.
18. (Previously presented) The automatic function setting method according to claim 11, wherein said setting sets a high speed travel mode that prohibits reception of an arrived call, when at least one of said number of base stations and said reception levels undergoes frequent changes.
19. (Previously presented) A radio communication system, comprising:
a plurality of base stations; and
a radio communication terminal according to claim 1.
20. (Canceled)